

ABSTRACT OF THE DISCLOSURE

A non-resonant two-photon absorbing material is provided, comprising a methine dye undergoing a non-resonant two-photon absorption, in which the methine dye is preferably a cyanine dye, a merocyanine dye or an oxonol dye, and a non-resonant two-photon absorbing material is provided, comprising a non-resonant two-photon absorbing compound undergoing non-resonant two-photon absorption in the intermolecular aggregation state.